Field Trip No. 32 Western Australia 3/10 – 2/11/52

Calaby & McIntosh

TEL. 644, 3 LINES.
TELEGRAMS :
"CORESEARCH,"
CANBERRA.

COMMONWEALTH OF AUSTRALIA.

COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH.

In reply refer to..............................

DIVISION OF ECONOMIC ENTOMOLOGY,
BOX 109, POST OFFICE,
CANBERRA CITY, A.C.T.,

..............................194....

Specimen Inventory and Ecological Notes.

Box 1.

✓ 3 Hymenoptera. Moorine Rock. Sept. 1952. D.L. McIntosh leg.

✓ 1 Scarab. Perth. Sept. 1952. D.L. McIntosh leg.

Coryphistoid n. gen. Coll. 5m. N. Norseman 21. 9. 52. Died 5/10/52. You have the date this specimen emerged.

✓ 10 m. W. York. 3/10/52.

11 Acridids. 10 flies

Dry sclerophyll forest (or an ecotone). Almost all Wandoo but an odd Marri. Understratum of heathy shrubs, mostly proteaceous, hard lateritic "soil".

✓ 7 m. S.W. Beverley. 3/10/52.

4 Acridids, 18 flies, 1 Buprestid, 1 other insect.

Dense sand-plain sclerophyll shrub community on hard lateritic soil (with a little loose sand over parts of it). Some small Casuarina trees but no Eucs.

✓ 19 m. S.W. Beverley. 3/10/52.

13 Acridids, 1 Buprestid, 9 flies

Sclerophyll shrubs and some Xanthorrhoea on loose light-coloured sandy soil. Some trees of Casuarina and Nuytsia and odd Eucalypts.

✓ Perth. 6/10/52

5 Acridids. On a patch of drying grass in the Museum backyard!

✓ Nedlands. 12/10/52.

14 Acridids. Near Swan River. Sedges, reedy tussocks and grass on reclaimed land. Sand dredged from river.

[P.T.O.]

P. 2

✓ 3 m. E. Armadale 19/10/52.

9 acridids, 5 Eumastacids, 1 Bug, 8 flies.
Psedna nana

Hard lateritic ridge with dry scler. forest of Jarrah & Marri. Good ground stratum of scler. shrubs. Adjacent to a small green field sloping to a brook.

✓ Forrestdale. 19/10/52.

Banksia and Nuytsia on light sand. Fair understratum of shrubs. Damper part with less trees, but with Melaleucas extra.

✓ Darkan. 15/10/52.

2 Tabanids. coll. by D. Gooding.

✓ Kings Park 24/10/52.

9 acridids

✓ Mosman's Bay (Perth suburb), 25/10/52.

1 ♂ Coryphistes

✓ Kings Park. 26/10/52

11 Acridids, 1 Eumastacid.

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Specimen Inventory

Box 2.

[NOTE. re Austroicetes cruciata. All cruciata in Boxes 2 & 3 came from areas where density was much less than 1 per □ yd. No swarms seen on trip.

Moora → Mingenew.

Watheroo 11184 27/10/52

✓ Collected at 11191. 17 Acridids, 2 Eumastacids, 1 wasp.
Cirphula sp., Cedarinia sp., Moraba sp. n. 4, Pardillana sp., Coryphistes
hard stony ridge with a plentiful cover of low sclerophyllous
sp., Goniaea sp., Exarna includens, Buforania sp., Austroicetes frater,
shrubs and a small amount of mallee. Some dried off grass at
A. cruciata
roadside. (Austroicetes sp.)

✓ Collected at 11197. 12 Acridids. 27/10/52
Genus nov. 16(?), Urnisa rugosa, Azelota sp., Austroicetes vulgaris
Stony ridge with short shrubs. Sandier on lower level with some
corallipes
grass and sedge-like plants. Eucalypts along a "watercourse".

✓ Mingenew 11283. 27/10/52
1 Acridid

Mingenew → Dongara.
Left Mingenew 11300
✓ Irwin = 11324 28/10/52
11 Beetles, 1 Tabanid, 7 Acridids.
Chortoicetes terminifera, Austroicetes cruciata
Paddock of dried off grass and herbage.

Geraldton → Mullewa road.
✓ Moonyoonooka 11387.
turned South at 11389. turned East at 11392. 28/10/52
Collected at 11394. 15 wasps 2 flies, 11 acridids.
Phaulacridium sp. n2, Chortoicetes terminifera,
Fields of dried off grass. Clump of Acacia scrub.
Austroicetes cruciata, A. vulgaris corallipes

[P.T.O.]

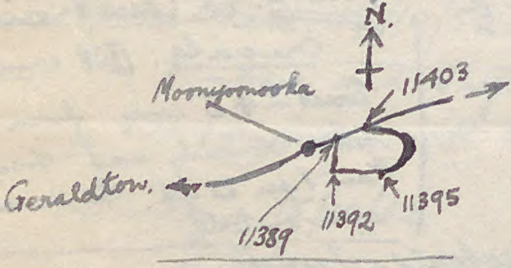
Proceeded E to 11395, then took a roughly circular track back to the Geraldton - Mullewa Road and then back to Moonyoonooka.

(Chortoicetes terminifera, Austroicetes cruciata, A. vulgaris corallipes)
Collected at ~~11410~~ 11401 28/10/52

Back on Main Rd. at 11403.

Back to point where turned S. (= 11389) at 11407

Moonyoonooka 11409.



✓ 11401 Dried off grass with Stipa tussocks. 28/10/52
Phaulacridium sp.n.?, Macrotona sp.
Some Acacia trees.

Northampton 11460

Took track from Northampton pretty well due W.

✓ 11467. 11 Scarabs, 1 wasp, 6 Acridids. 29/10/52
Austroicetes cruciata, A. vulgaris corallipes
Fairly bare paddock. Dried grass and herbage (capeweed, etc.)

Geraldton → Mullewa.

Kojarina 11525.

✓ Collected at. 11527. 29/10/52
Cedarinia sp., Phaulacridium sp.n., Pycnostictus seriatus, Urnisa guttulosa, Urnisa rugosa, Austroicetes vulgaris corallipes
Banksia Xanthorrhoea Dryandra & other Scler. shrubs on white sand. Some dried off grass.

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Box 3.

Geraldton → Mullewa Rd.

Tenindewa 11577
Ardingly 11583 (Siding).
11583. → 29/10/52

Capernala sp., Morabia sp. n. 1, Goniaea sp., Urnisa guttulosa,
Mallee with smaller shrubs and tough tussocky grass, on
Urnisa rugosa, Urnisiella rubropunctata, Genus nov. 48,
a Red sandy soil.

Austroicetes cruciata
Austroicetes in dried grass along railway line.

Mullewa → Morawa Road

Tardun 11615.

Collected at 11619. 29/10/52

3 Acridids, 2 bugs, 1 fly.
Capernala sp., Goniaea sp.
Eucalyptus trees and Scrubby Acacias, smaller scleroph. shrubs, dried off grass and a short sedge-like plant.

Cirphula sp., Pardillana sp., Pespulia sp., Genus nov. 48,
11650 Morawa. 26 Acridids, 1 fly, 1 bee. 30/10/52
Coryphistes sp., Goniaea sp., Buforania sp., Urnisiella rubropunctata
2 different Habitats adjacent.

A. Acacia scrub and a little mallee with small sclerophyll. shrubs, dried tussocky grasses & sedge like plants. Plenty of bare, light-coloured sand. (Buforania, Urnesiella, Cirphula & brown shiny sp. (1♀, 1♂))

B. Eucalyptus trees with scleroph. shrubs and some dried grasses. A lot of bare red soil. (Goniaea, Pardalina and other sp.)

P.T.O.

Morawa → Wongan Hills Rd.

Pithara 755

✓ Collected at 756. 6 Acridids. (or light) 30/10/52

Genus nov. 16(?), Austroicetes cruciata

Tall Euc. salubris and a white-barked spp. (I think salmonophloia) on greyish slightly gravelly soil. Understratum of shrubs and some mallee. Dried grass on Margin.

11828 = 2 m. W. of Moonijin [= Ca. 20 m. more or less east of Wongan Hills.

✓ 31/10/52 [1 insect, 2 scarabs, 4 Acridids.

Mostly acacia scrub with some sedge like tussocks, etc on a light very sandy soil. A few trees of gimlet and salmon gum.

✓ Darlington. 2/11/52.
3 Tabanids. J.H.C. leg.

Please label non-Acridoid material "Mc Intosh + Calaby leg." or words to that effect, except where otherwise stated.
Don caught most of the Diptera + wasps and should be rewarded therefore.
Acridoids — "J.H.C. leg." as of yore.

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